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MCAS EL TORO
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From: Pribyl, Richard CTR OASN (I&E) BRAC PMO West
Sent: Monday, April 17, 2006 10:15 AM
To: John Broderick (E-mail); Sue Hakim (E-mail); Rich Muza (E-mail)
Cc: Crispin Wanyoike (E-mail); Cheryl Prowell (E-mail); Chris E Johnson (E-mail); Gary DellaVecchia (E-mail); Marcus Millett (E-mail); Kehe, Scott M CIV NAVFAC SW
Subject: MCAS El Toro; Site 2, Replacement of TCE groundwater monitoring wells destroyed during construction

Attachments: Figure WELL REPLACE.pdf

Team:

As discussed briefly during the March 2006 BCT meeting and at the Site 2 weekly CQC Meetings with Rich Muza (EPA) and Patricia Hannon and John Broderick (RWQCB), the Navy is proceeding with the installation of two groundwater monitoring wells to replace wells removed during waste consolidation in Area C2, as indicated in the design documents.

The primary objective is to install these replacement wells within the TCE hotspot and to provide data for future monitoring events that is compatible with previous data (collected through 2003). Following waste consolidation, the area where the former wells were located along Magazine Road are now graded at a 3:1 slope; therefore, the replacement wells will be installed at locations near their former locations. The two replacement wells will be installed at the toe of the slope in areas scheduled to have rip rap installed.

Specifically, the Navy plans to replace groundwater monitoring wells **02NEW17** with well **02NEW29** and **02DGMW60** with well **02NEW30**. TCE and 1,2,3 TCP concentrations were historically reported in samples collected from these wells. The new locations are shown on the attached figure. The replacement well for 02NEW17 is located approximately 40 feet to the north to assess the VOC concentrations at this location. The wells will have a 4-inch diameter and will be screened at approximately the same elevation and will have protective concrete collars rising approximately 5 feet above the wash flow line. The Navy will coordinate with the agencies to evaluate if any additional wells are necessary during the implementation of the groundwater response action for this VOC plume.

Weather permitting the wells will be installed as early as the third week in April, depending on weather and subcontractor availability. Updates will be provided as schedules are determined.

Well Installation details are provided below:

Well No	Screen Elevation (ft msl)	Groundwater Elevation (Aug, 2003) (ft msl)	Replacement Wells No	Screen Elevation (ft msl)
02NEW17	416-451	436	02NEW29	420-440
02DGMW60	399-420	431	02NEW30	400-420



Figure WELL
EPLACE.pdf (242 K.

Should you have any questions or comments regarding this effort, please contact me at my information below.

Sincerely,

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